



World Leader in Rating Technology

2018 (Test) ORC Club Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **19046**
Issued On **26/07/2018**
ORC Ref **N/A**
VPP Ver. **2018 1.00**

Invalid for Racing

Crew Weight

Default 647kg
Maximum **570kg**
Minimum* **428kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	686.2	0.8744
Non Spin OSN	663.6	0.9041

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration
Symmetric: **Yes** 97.84
Asymmetric: **No**
Flying H/S: **Yes** 62.26
Spin. Pole: **Yes**

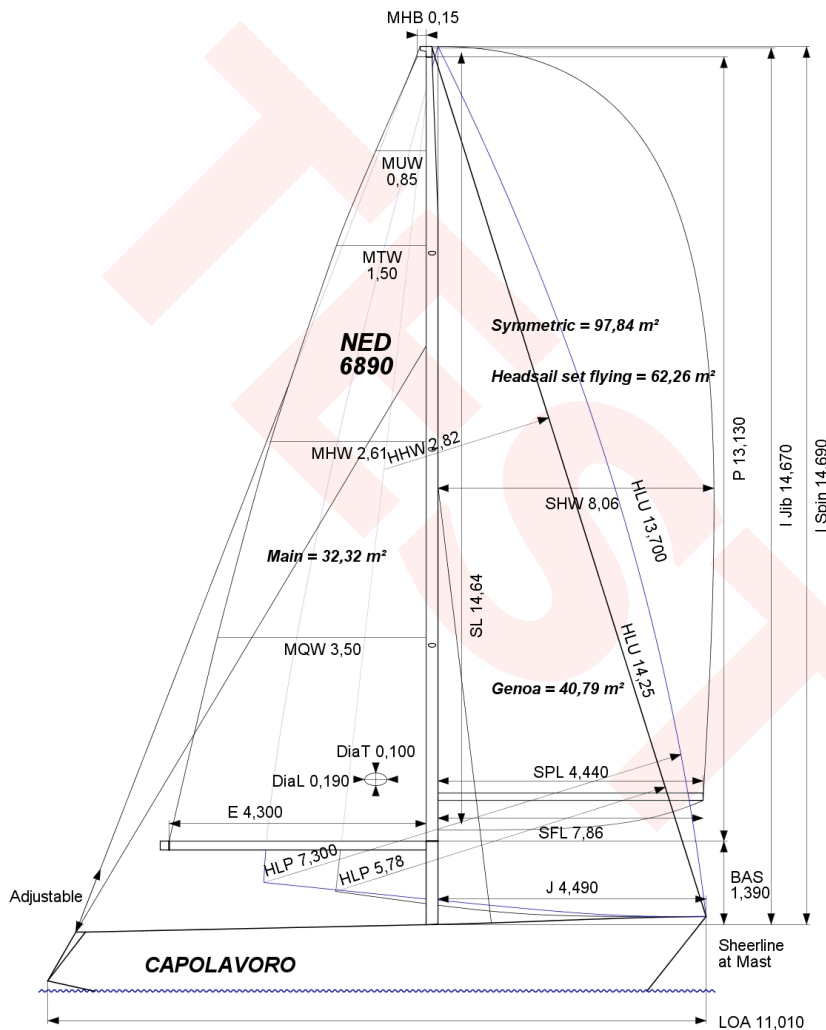
Class Division Length

CDL = 8.702

Stability (Estimated)

Limit Positive Stab.: **115.6°**
Stability Index: **117.8**

Owner



BOAT	Name CAPOLAVORO Sail Nr NED 6890
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GPH	647.8
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HULL	Data File	LOA	11.010m
	Offset File	MB	3.694m
	Displacement	Draft	2.004m

IMS Division	Cruiser/Racer	Dynamic All.	0.337%
Fwd Accom.	Yes	Construction	Solid
Fiber Rigging	No	Aramid Core	No
Crew Arm Ex		Carbon Rudder	No
		Light Stanchions	

IMSL	9.444m	VCGD	-0.011m	Sink	19.41kg/mm
RL	7.959m	VCGM	0.020m	WS	26.93m²

LSMO	9.577m	Displacement/Length ratio	7.5957
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Water Ballast	0	Trim Tab	No
BLR Index	0.0000		

CENTERBOARD	N/A
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	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Low	Medium	High	Low	Medium	High
Time on Distance						
Time on Time						
Triple Number						
Time on Distance	743.1	573.8	512.1	964.6	707.9	609.7
Time on Time	0.9083	1.1764	1.3181	0.6998	0.9535	1.1071



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ORC Club Certificate Appendix

BOAT	
Name	CAPOLAVORO
Certificate Number	19046
Sail Nr	NED 6890
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1099.2	917.7	811.2	748.5	722.8	711.2	708.4
52°	726.0	614.7	549.8	523.4	511.2	505.9	502.6
60°	690.7	577.4	530.3	511.5	499.3	492.7	488.1
75°	624.9	535.8	506.0	490.3	482.7	476.7	463.9
90°	609.7	529.1	500.7	483.0	467.5	453.9	441.8
110°	669.5	554.9	506.7	482.9	463.3	448.1	421.3
120°	690.6	567.7	512.3	486.1	464.3	443.9	414.9
135°	755.8	617.4	536.4	501.6	479.2	457.7	417.8
150°	888.2	706.5	600.0	532.8	501.7	480.9	441.4
Run VMG	1025.6	815.8	692.1	607.5	550.3	512.6	470.9

Selected Courses							
Windward / Leeward	1062.4	866.7	751.7	678.0	636.6	611.9	589.6
Circular Random	891.7	720.5	628.6	575.2	542.7	521.9	497.5
Coastal / Long Distance	1058.7	812.4	676.1	593.5	551.8	521.0	476.2
Non Spinnaker	961.7	769.6	664.7	602.7	564.4	539.8	510.8

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	42.5°	40.8°	41.0°	40.2°	39.0°	38.5°	38.6°
Beat VMG	3.28	3.92	4.44	4.81	4.98	5.06	5.08
52°	4.96	5.86	6.55	6.88	7.04	7.12	7.16
60°	5.21	6.23	6.79	7.04	7.21	7.31	7.38
75°	5.76	6.72	7.11	7.34	7.46	7.55	7.76
90°	5.90	6.80	7.19	7.45	7.70	7.93	8.15
110°	5.38	6.49	7.10	7.45	7.77	8.03	8.54
120°	5.21	6.34	7.03	7.41	7.75	8.11	8.68
135°	4.76	5.83	6.71	7.18	7.51	7.86	8.62
150°	4.05	5.10	6.00	6.76	7.17	7.49	8.16
Run VMG	3.51	4.41	5.20	5.93	6.54	7.02	7.65
Gybe Angles	146.3°	150.5°	151.2°	156.4°	174.9°	180.0°	180.0°